

## DEPARTMENT OF MICROBIOLOGY

### TEACHER ACTIVITIES

#### Faculty Development Programme

**Date: 28-09-2019**

The PG & Research Department of Microbiology organized an FDP on “Professional Ethics” on 28.09.2019. Dr. N. Seshadri from SASTRA University, Thanjavur was the resource person. Dr. LaliGrowther, HoD, Department of Microbiology gave the welcome address and introduced the chief guest. Dr. A. Ponnusamy, Principal, Hindusthan College of Arts and Science gave the Presidential address and honored the Chief Guest with a memento. All the faculty members of various Departments of HICAS attended the programme. The chief guest approached and addressed the gathering with his unique humor approach on the key domains of teaching, assessing, research and professionalism. He also emphasized the need for a teacher to update his knowledge on the subject of their specialization and presentation skills. Dr. LaliGrowther, HoD, Department of Microbiology, proposed the vote of thanks.



#### Training Programme for Lab Assistants

**Date: 05-02-2020**

A training program was conducted for Lab Assistants of Microbiology under DBT Star College Scheme on UV spectrophotometer and Atomic Absorption spectroscopy. The personnel from ELICO instruments displayed and demonstrated the principle, working and application of various bio analytical instruments.



## **Participation in Webinar/ Seminar/ Conference/ Workshop/ FDP**

### **Dr. Lali Growther**

- 1) Participated in the National webinar on The New Normal in Education organized by the Internal Quality Assurance Cell, St. Albert's College (Autonomous) on 23.05.2020.
- 2) Participated in the webinar on Digital tools for E-content development, organized by the department of Computer Science, JKK Nataraja College of Arts and Science, Kumarapalayam on 09.05.2020.
- 3) Participated in the International Webinar Conference on Biomaterials on Healthcare Application conducted by Department of Biotechnology, Karunya Institute of Technology and Sciences during May 28 - 30, 2020.
- 4) Attended one day International webinar on Teaching in Corona Milieu, organized by department of English, Hindusthan College of Arts and Science on 16.05.2020
- 5) Attended one Day Online Workshop for Enhancing Research Communication Skills through Science Direct and Mendeley organized by Internal Quality Assurance Cell (IQAC) & School of Education (PMMMNMST), Dayalbagh Educational Institute in collaboration with Elsevier on 03.05.2020
- 6) Participated in the one day National level Faculty development programme on NTA NET/ TN SET PAPER I-2K19 held on 19.11.2019, organized by Department of Commerce, Hindusthan College of Arts and Science, Coimbatore.
- 7) Participated in the one day Faculty development programme on Bio Python: Hands on Training, organized by Department of Computer Science, Hindusthan College of Arts and Science, Coimbatore on 16.12.2019.
- 8) Participated in the online Faculty development programme on E-content Development for Higher Education, organized by Department of Biomedical Engineering and Internal Quality Assurance Cell (IQAC), Karpaga Vinayaga College of Engineering and Technology on 23.05.2020.
- 9) Participated in the online Faculty development programme on Encountering Challenges in Research, organized by Department of MCA, Hindusthan College of Arts and Science on 07.05.2020.
- 10) Participated in the online Seven Days International Faculty Development Programme on Impact of COVID -19 on Higher Education Institution's -Challenges & Responses organized by

department of Mathematics, Hindusthan College of Arts and Science from 16th May to 22nd May 2020.

11) Attended the online Faculty development programme –twelve lecture series on Novel microbes and newer threats, organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiologists & California Institute of Science and Medicine from 20th April to 02nd May, 2020.

12) Attended the online Faculty development programme on Practical Bioinformatics on a wet lab set up- a six lecture series organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiologists & Georgetown University Washington from 11th May to 16th May, 2020.

13) Participated in the three day Virtual Faculty Development Program on "Enhancing Excellence in Higher Education Through Assessment and Accreditation" organized by IQAC, Sree Narayana Guru College in association with IQAC, Kristu Jayanti College, Bengaluru from May 6 to May 8, 2020.

### **Dr N Hemashenpagam**

1) A Seven day National Level Webinar Faculty Development Programme (Multidisciplinary), Bharathiar University Arts and Science College (Constituent), Thondamuthur, Coimbatore

2) Six Day International Virtual Faculty Development ProgramDevelopment Program in the theme of “IMPACT OF EDUCATION - POST COVID 19” in the topics of Forensic Accounting,Blockchain, FinTech, Educational Technology, Research, AI and Heutagogy, organised by SriRamakrishna College of Arts and Science, Coimbatore, India from 11/05/2020 to 16/05/2020.

### **Dr R Manju**

1) One day “National seminar on Teaching Pedagogy and Psychology”, organised by IQAC, Bharathidasan college of arts and science ,Erode.

2) One day Faculty Development Program on”Phython Programming”, organised by Department of B.sc (CS) , Hindusthan college of arts and science,coimbatore.

3) One Day Faculty Development Program on “BIO-PYTHON: Hands on Training” organised by Department of B.sc (CS),Hindusthan college of arts and science,coimbatore.

4) Four Days “Faculty Development Program” on organised by Centre of Excellence for Faculty Development , Hindusthan college of arts and science, coimbatore.

**Dr A Manivannan**

1) One Day Online Workshop for Enhancing Research Communication Skills through ScienceDirect and Mendeley, INTERNAL QUALITY ASSURANCE CELL (IQAC) & SCHOOL OF EDUCATION (PMMMNMST),DAYALBAGH EDUCATIONAL INSTITUTE - Agra 03.05.2020

2) Guidelines for writing a research paper, Reserch Committee, Arasu Engineering College – Kumbakonam 22.05.2020

3) A Seven day National Level Webinar Faculty Development Programme (Multidisciplinary), Bharathiar University Arts and Science College (Constituent), Thondamuthur, Coimbatore 11.05.2020 to 17.05.2020

4) DBT Star College Sponsored Zoom Webinar Series "SCIENCE AND TECHNOLOGY TRENDS"PG and Research Department of Microbiology, Biotechnology, Computer Science and Mathematics Hindusthan College of Arts and Science, Coimbatore 11.05.2020 to 14.05.2020

5) Webinar Series on Global Perspectives In Biotechnology DEPARTMENT OF BIOTECHNOLOGY P.S.R Engineering College , Sivakasi 11.05.2020 to 15.05.2020

6) Webinar on “Insights on Infectious and Rare Diseases”Department of Zoology G.T.N Arts College, Dindigul 15.05.2020

7) Online Seven Days International Faculty Development Programme on “Impact of COVID 19 on Higher Education Institution’s Challenges & Responses” HINDUSTHAN INNOVATIVE LEARNING HUB, Hindusthan College of Arts and Science, Coimbatore 16.05.2020 to 22.05.2020.

8) FACULTY DEVELOPMENT PROGRAMME - WEBINAR ON TEACHERS AND TECHNOLOGY, Internal Quality Assurance Cell, Holy Cross Home Science College, Thoothukudi 11.05.2020

9) Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd, MHRD INNOVATION CELL, MHRD – New Delhi 11.05.2020

10) “Web Series Programme on“COVID-19 Stress Management Through Yoga”, Nature Science Foundation, Coimbatore, Nature Science Foundation, Coimbatore 17.05.2020

- 11) “Web Series Programme on COVID-19 Virus”, Nature Science Foundation, Coimbatore Nature Science Foundation, Coimbatore 10.05.2020
- 12) Workshop on “Intellectual Property Rights and Issues”, IPR cell and Department of Biotechnology SREE NARAYANAGURU College Coimbatore 25.05.2020
- 13) Webinar on Stem cell research for COVID’19, Department of Biotechnology, School of Life Science, Vel’s Institute of science, technology and advanced studies – Chennai 25.05.2020
- 14) “NEXT-GENERATION GENOMICS FOR CROP IMPROVEMENT TO ADDRESS HUNGER AND MALNUTRITION DURING COVID-19”, Department of bioinformatics, School of Life Science, Vel’s Institute of science, technology and advanced studies – Chennai 21.05.2020
- 15) Webinar series on “Triggering skill development for young biologists” Department of Biosciences Vivekanandha college of Arts and science for women 18.05.2020 to 22.05.2020
- 16) Webinar on Intellectual Property Rights and Innovations , Center for IPR (CIPR), GM Institute of Technology – Davangere 19.05.2020

**Dr Arun kumar G**

- 1) Participated in the 7day Faculty development program Multidisciplinary organized by Bharathiar University of arts and science college, Coimbatore from 11 – 17 May, 2020.
- 2) Participated in the 7day Faculty development program on “Impact of COVID 19 on Higher educational institution challenges and responses” organized by Hindusthan college of arts and science, Coimbatore from 16 – 22 May, 2020.
- 3) Participated in the 2-day Faculty development program on “Impact of Emerging Technologies on Life sciences” organized by the department of Biochemistry and Biotechnology, Kongu arts and science college, Erode from 26 – 27 May, 2020.
- 4) Participated in “Faculty Development Programme” organized by Centre of Excellence for Faculty Development (COExFD) held at Hindusthan college of Arts and Science, from 02.01.2020 to 05.01.2020.
- 5) Participated and completed training in the Two-day National Workshop on “Data Analysis using Excel and SPSS for Application of Biological Science Research organized by the Department of Zoology, Kongunadu Arts and Science College, Coimbatore, held on 18th and 19th December 2019.

6) Participated in the three days Entrepreneurship awareness camp under DST-NIMAT project organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science, from 10.12.2019 to 12.12.2019.

7) Attended DBT sponsored hands on workshop on “Blotting and Hybridization Techniques” organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 30.08.2019.

8) Attended DBT sponsored hands on workshop on “Chromatographic Techniques” organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 29.08.2019.

9) Attended DBT sponsored hands on workshop on “Polymerase Chain Reaction” organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 28.08.2019.

10) Presented a Paper in National Conference on ‘Espials of Biomolecules (NCEB-2020)’ held at Department of Microbiology at Karpagam Academy of Higher Education, Coimbatore on 26th February, 2020.

11) Presented a paper entitled “Cytotoxicity and angiogenic activities and phytochemical screening of Cansjera rheedii J. Gemelin” in the Indian Science Congress Association sponsored National Conference on “Empowerment of Rural Communities Through Innovations in Science and Technology” held at Kongunadu Arts and Science College, Coimbatore on 21st and 22nd February, 2020.

12) Presented a Poster in the 6th International Conference on “Bioscience towards a sustainable future” held at KSG College of Arts and Science, Coimbatore on 12th February 2020.

13) Presented a Paper in the International National Conference on “Exploring Microbes for Therapeutic Purposes – ICEMTP 2020” organized by the PG and Research Department of Biotechnology and Microbiology of Hindusthan college of arts and science, Coimbatore on 4th February, 2020.

14) Presented a Paper in the International Seminar on “Role of Microbes and its Products in Synthetic Biology” organized by the Department of Microbiology and Biotechnology, Selvamm Arts and Science College, Namakkal on 6th September, 2019.

15) Participated in the National seminar on “Intellectual Property Rights” organized by the

PG and Research Department of Microbiology at Hindusthan College of Arts and Science College, Coimbatore on 18.02.2020.

16) Participated in the “International Symposium Emerging Technologies that transform Life Sciences” on August 19th, 2019 at Nirmala College for Women, Coimbatore.

17) Participated in Webinar series on “Exploring and understanding world pandemics” organized by the department of Microbiology Ethiraj college for Women, Chennai from 11 – 13 May,2020

18) Participated in the online workshop entitled “Biomolecular visualization tools”, organized by the Department of Botany and Bioinformatics, Nirmala college for women, Coimbatore on 28th May, 2020.

19) Participated in Webinar on “Mental health and Managing stress” organized by the Biotechnology department, KIT on 28th May, 2020.

20) Participated in Webinar on “Successful research career” organized by Hindusthan college of arts and science, Coimbatore on 29th May, 2020.

#### **DR. Vinotha.T**

1) Participated in the International conference on “Biofuel production from cellulosic waste substrates using bacterial consortia” organized by the Department of Microbiology, Sengamala Thayaar Educational trust Women’s College on 09.08.2019.

#### **Dr. Vanitha N**

1) Let’s Break the chain of Covid-19 infection, conducted by Mohammed BinRashid University of Medicine and Health Sciences(31.03.2020)

2) Participated in the Webinar On “DECODING COVID-19” Organized by the Department of Microbiology, Sree Narayana Guru College, Coimbatore on 16th May 2020.

3) Participated in the National Webinar on “Basics of Research Methodology & Interdisciplinary Research in Biomedicine” held on 12th and 13th May 2020 organized by Department of Biotechnology,Nehru arts and science college,Coimbatore.

4) Attended the Online Faculty Development Programme on Datascience for Biomedical Applications organized by the Department of Biomedical Engineering, Velalar College of



Engineering and Technology, Erode from 26.05.2020 to 01.06.2020.

5) Participated in the one day online Faculty development program on "unlock your teaching skills via ICT tools" organized by the PG department of Computer science APAC (W), Palani, on 24.05.2020.

### **Mrs Ajitha C**

1) Participated in the three days Entrepreneurship awareness camp under DST-NIMAT project organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science, from 10.12.2019 to 12.12.2019.

2) Attended DBT sponsored hands on workshop on "Blotting and Hybridization Techniques" organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 30.08.2019.

3) Attended DBT sponsored hands on workshop on "Chromatographic Techniques" organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 29.08.2019.

4) Attended DBT sponsored hands on workshop on "Polymerase Chain Reaction" organized by the PG and Research Department of Microbiology, Hindusthan college of Arts and Science in association with Abbes Biotech, Chennai on 28.08.2019.

5) Participated in "Faculty Development Programme" organized by Centre of Excellence for Faculty Development (COExFD) held at Hindusthan college of Arts and Science, from 02.01.2020 to 05.01.2020.

6) Participated in the International National Conference on "Exploring Microbes for Therapeutic Purposes – ICEMTP 2020" organized by the PG and Research Department of Biotechnology and Microbiology of Hindusthan college of arts and science, Coimbatore on 04th February, 2020.

7) Participated in the National seminar on "Intellectual Property Rights" organized by the PG and Research Department of Microbiology at Hindusthan College of Arts and Science College, Coimbatore on 18.02.2020.

8) Participated in FDP on Trends and Opportunities in Life Sciences organized by PG and Research Department of Microbiology, Cauvery college for Women, Trichy on 03.05.2020.

9) Participated in the online workshop entitled “Biomolecular visualization tools”, organized by the Department of Botany and Bioinformatics, Nirmala college for women, Coimbatore on 28th May, 2020.

10) Participated in FDP on Impact of Emerging Technologies on Life Sciences Kongu Arts and Science College, Erode on 26.05.2020-27.05.2020.

### **Ms Krithika T**

1) Participated in One day Faculty development programme on “Bio-python- Hands on training” organized by Department of B.Sc(CS)/ BCA/B.Sc(IT) / B.Sc(CT), Hindusthan college of arts and science, Coimbatore on 16th Dec, 2019.

2) Participated in the three days entrepreneurship awareness camp under DST-NIMAT project organized by Department of Microbiology, Hindusthan college of arts and science, Coimbatore from 10-12-2019 to 12-12-2019.

3) Participated in “Faculty Development Programme” organized by Centre of Excellence for Faculty Development (COExFD) held at Hindusthan college of Arts and Science, from 02.01.2020 to 05.01.2020.

4) Participated in the National seminar on “Intellectual Property Rights” organized by the PG and Research Department of Microbiology at Hindusthan College of Arts and Science College, Coimbatore on 18.02.2020.

### **Dr Achuth J**

1) Seven days national level faculty development programme multidisciplinary organized by Bharathiar University Arts and Science College (Constituent), Coimbatore, Tamil Nadu from 11th May to 17th May 2020.

2) Webinar series on "Exploring and understanding world pandemics" organized by Ethiraj College for Women, Coimbatore, Tamil Nadu from 11th May to 13th May 2020.

3) Seven days international faculty development programme on “Impact of COVID 19 on Higher Education Institution’s Challenges & Responses” organized by Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu from 16th May to 22nd May 2020.